



CI-0703

**TAB 7: TECHNICAL DISCIPLINES**

Electrical

**BALANCING OF PHASES**

Where single phase power is taken from a 3 phase source, the loads shall be balanced among the three distribution phases. Sites that have a single phase sources are to maintain the load on the distribution panels balanced.

**VOLTAGE DROP**

Voltage drop of max 2%.

**POWER FACTOR**

The overall system power factor shall be greater than 90%. Power factor design calculations are to be 80%.